

Mouse Sox9 Sequence

1 AGTTTCAGTC CAGGAAC TTT TCTTTGCAAG AGAGACGAGG TGCAAGTGGC
51 CCCGGTTTCG TTCTCTGTTT TCCCTCCCTC CTCCTCCGCT CCGACTCGCC
101 TTCCCCGGGT TTAGAGCCGG CAGCTGAGAC CCGCCACCCA GCGCCTCTGC
151 TAAGTGCCCG CCGCCG CAGC CCGGTGACGC GCCAACCTCC CCGGGAGCCG
201 TTCGCTCGGC GTCCGCGTCC GGGCAGCTGA GGGAAGAGGA GCCCCAGCCG
251 CCGCGGCTTC TCGCCTTTCC CGGCCACCCG CCCCCTGCCC CGGGCTCGCG
301 TATGAATCTC CTGGACCCCT TCATGAAGAT GACCGACGAG CAGGAGAAGG
351 GCCTGTCTGG CGCCCCCAGC CCCACCATGT CGGAGGACTC GGCTGGTTTCG
401 CCCTGTCCCT CGGGCTCCGG CTCGGACACG GAGAACACCC GGCCCCAGGA
451 GAACACCTTC CCCAAGGGCG AGCCGGATCT GAAGAAGGAG AGCGAGGAAG
501 ATAAGTTCCC CGTGTGCATC CGCGAGGCGG TCAGCCAGGT GCTGAAGGGC
551 TACGACTGGA CGTGGTGCC CATGCCCCGTG CGCGTCAACG GCTCCAGCAA
601 GAACAAGCCA CACGTCAAGC GACCCATGAA CGCCTTCATG GTGTGGGCGC
651 AGGCTGCGCG CAGGAAGCTG GCAGACCAGT ACCCGCATCT GCACAACGCG
701 GAGCTCAGCA AGACTCTGGG CAAGCTCTGG AGGCTGCTGA ACGAGAGCGA
751 GAAGAGACCC TTCGTGGAGG AGGCGGAGCG GCTGCGCGTG CAGCACAAGA
801 AAGACCACCC CGATTACAAG TACCAGCCCC GGCGGAGGAA GTCGGTGAAG
851 AACGGACAAG CGGAGGCCGA AGAGGCCACG GAACAGACTC ACATCTCTCC
901 TAATGCTATC TTCAAGGCGC TGCAAGCCGA CTCCCCACAT TCCTCCTCCG
951 GCATGAGTGA GGTGCACTCC CCGGGCGAGC ACTCTGGGCA ATCTCAGGGT
1001 CCGCCGACCC CACCCACCAC TCCCAAAACC GACGTGCAAG CTGGCAAAGT
1051 TGATCTGAAG CGAGAGGGGC GCCCTCTGGC AGAGGGGGGC AGACAGCCCC
1101 CCATCGACTT CCGCGACGTG GACATCGGTG AACTGAGCAG CGACGTCATC
1151 TCCAACATTG AGACCTTCGA CGTCAATGAG TTTGACCAAT ACTTGCCACC
1201 CAACGGCCAC CCAGGGGTTT CGGCCACCCA CGGCCAGGTC ACCTACACTG
1251 GCAGTTACGG CATCAGCAGC ACCGCACCCA CCCCTGCGAC CGCGGGCCAC

Figure 1(a)

1301 GTGTGGATGT CGAAGCAGCA GGC GCCGCC CCTCTCCGC AGCAGCCTCC
 1351 GCAGGCCCCG CAAGCCCCAC AGGCGCCTCC GCAGCAGCAA GCACCCCCGC
 1401 AGCAGCCGCA GGCACCCAG CAGCAGCAGG CACACACGCT CACCACGCTG
 1451 AGCAGCGAGC CAGGCCAGTC CCAGCGAACG CACATCAAGA CGGAGCAGCT
 1501 GAGCCCCAGC CACTACAGGG AGCAGCAGCA GCACTCCCCG CAACAGATCT
 1551 CCTACAGCCC CTTCACCTT CCTCACTACA GGCCCTCCTA CCCGCCCATC
 1601 ACCCGTTTCG AATACGACTA CGCTGACCAT CAGAACTCCG GCTCCTACTA
 1651 CAGTCACGCA GCCGGCCAGG GCTCAGGGCT CTACTCCACC TTCACTTACA
 1701 TGAACCCCGC GCAGCGCCCC ATGTACACCC CCATCGGTGA CACCTCCGGG
 1751 GTCCCTTCCA TCCCGCAGAC CCACAGCCCG CAGGACTGGG AACAAACAGT
 1801 CTACACACAG GTCACCAGAC CCTGAGAAGA GAAAAGCTAT GGTGACAGAG
 1851 CTGATCTTTT TTTT TTTT TTTTAAAGA AGAAAAGAAA GAAACGAAAA
 1901 AGAAAAAGCT GAAGGAAATC AAGAACCAAT TGAAATTCCT TTGGACACTT
 1951 TTTTTTTTGT CCTTTCGTTA ATTTTAAAA GACATGTAAA GGAAGGTAAC
 2001 GATTGCTGGG CATTCCAGGA GAGAGACTTT AAGACTTTGT CTGAGCTCAT
 2051 GACAACATAT TGCAAATGGC CGGGCCACTC GTGGCCAGAC GGACAGCACT
 2101 CCTGGCCAGA TGGACCCACC AGTATCAGCG AGGAGGGGCT TGTCTCCTTC
 2151 AGAGTTAACA TGGAGGACGA TTGGAGAATC TCCCTGCCTG TTTGGACTTT
 2201 GTAATTATTT TTTAGCCGTA ATTAAAGAAA AAAAAAGTCC AAAAAAAA

Figure 1(b)

Mouse Sox-9 amino acid sequence

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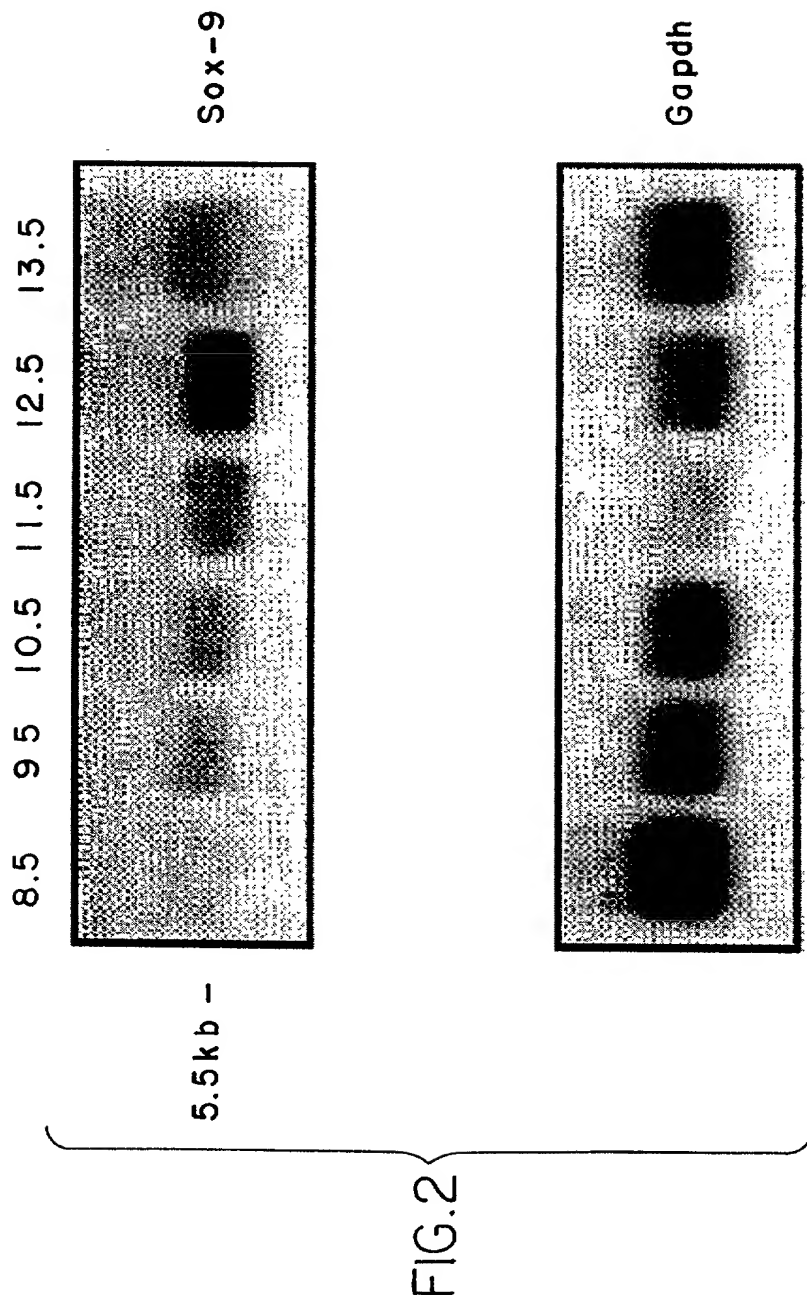
Met Asn Leu Leu Asp Pro Phe Met Lys Met Thr Asp Glu Gln Glu Lys
1      5      10      15
Gly Leu Ser Gly Ala Pro Ser Pro Thr Met Ser Glu Asp Ser Ala Gly
20      25      30
Ser Pro Cys Pro Ser Gly Ser Gly Ser Asp Thr Glu Asn Thr Arg Pro
35      40      45
Gln Glu Asn Thr Phe Pro Lys Gly Glu Pro Asp Leu Lys Lys Glu Ser
50      55      60
Glu Glu Asp Lys Phe Pro Val Cys Ile Arg Glu Ala Val Ser Gln Val
65      70      75      80
Leu Lys Gly Tyr Asp Trp Thr Leu Val Pro Met Pro Val Arg Val Asn
85      90      95
Gly Ser Ser Lys Asn Lys Pro His Val Lys Arg Pro Met Asn Ala Phe
100     105     110
Met Val Trp Ala Gln Ala Ala Arg Arg Lys Leu Ala Asp Gln Tyr Pro
115     120     125
His Leu His Asn Ala Glu Leu Ser Lys Thr Leu Gly Lys Leu Trp Arg
130     135     140
Leu Leu Asn Glu Ser Glu Lys Arg Pro Phe Val Glu Glu Ala Glu Arg
145     150     155     160
Leu Arg Val Gln His Lys Lys Asp His Pro Asp Tyr Lys Tyr Gln Pro
165     170     175
Arg Arg Arg Lys Ser Val Lys Asn Gly Gln Ala Glu Ala Glu Glu Ala
180     185     190
Thr Glu Gln Thr His Ile Ser Pro Asn Ala Ile Phe Lys Ala Leu Gln
195     200     205
Ala Asp Ser Pro His Ser Ser Ser Gly Met Ser Glu Val His Ser Pro
210     215     220
Gly Glu His Ser Gly Gln Ser Gln Gly Pro Pro Thr Pro Pro Thr Thr
225     230     235     240
Pro Lys Thr Asp Val Gln Ala Gly Lys Val Asp Leu Lys Arg Glu Gly
245     250     255
Arg Pro Leu Ala Glu Gly Gly Arg Gln Pro Pro Ile Asp Phe Arg Asp
260     265     270

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Figure 1(c)

Val	Asp	Ile	Gly	Glu	Leu	Ser	Ser	Asp	Val	Ile	Ser	Asn	Ile	Glu	Thr
		275					280					285			
Phe	Asp	Val	Asn	Glu	Phe	Asp	Gln	Tyr	Leu	Pro	Pro	Asn	Gly	His	Pro
	290					295					300				
Gly	Val	Pro	Ala	Thr	His	Gly	Gln	Val	Thr	Tyr	Thr	Gly	Ser	Tyr	Gly
305					310					315					320
Ile	Ser	Ser	Thr	Ala	Pro	Thr	Pro	Ala	Thr	Ala	Gly	His	Val	Trp	Met
				325					330					335	
Ser	Lys	Gln	Gln	Ala	Pro	Pro	Pro	Pro	Pro	Gln	Gln	Pro	Pro	Gln	Ala
			340					345					350		
Pro	Gln	Ala	Pro	Gln	Ala	Pro	Pro	Gln	Gln	Gln	Ala	Pro	Pro	Gln	Gln
		355					360					365			
Pro	Gln	Ala	Pro	Gln	Gln	Gln	Gln	Ala	His	Thr	Leu	Thr	Thr	Leu	Ser
	370					375					380				
Ser	Glu	Pro	Gly	Gln	Ser	Gln	Arg	Thr	His	Ile	Lys	Thr	Glu	Gln	Leu
385					390					395					400
Ser	Pro	Ser	His	Tyr	Arg	Glu	Gln	Gln	Gln	His	Ser	Pro	Gln	Gln	Ile
				405					410					415	
Ser	Tyr	Ser	Pro	Phe	Asn	Leu	Pro	His	Tyr	Arg	Pro	Ser	Tyr	Pro	Pro
			420					425					430		
Ile	Thr	Arg	Ser	Glu	Tyr	Asp	Tyr	Ala	Asp	His	Gln	Asn	Ser	Gly	Ser
		435					440					445			
Tyr	Tyr	Ser	His	Ala	Ala	Gly	Gln	Gly	Ser	Gly	Leu	Tyr	Ser	Thr	Phe
	450					455					460				
Thr	Tyr	Met	Asn	Pro	Ala	Gln	Arg	Pro	Met	Tyr	Thr	Pro	Ile	Gly	Asp
465					470					475					480
Thr	Ser	Gly	Val	Pro	Ser	Ile	Pro	Gln	Thr	His	Ser	Pro	Gln	Asp	Trp
				485					490					495	
Glu	Gln	Pro	Val	Tyr	Thr	Gln	Val	Thr	Arg	Pro					
			500						505						

Figure 1(d)



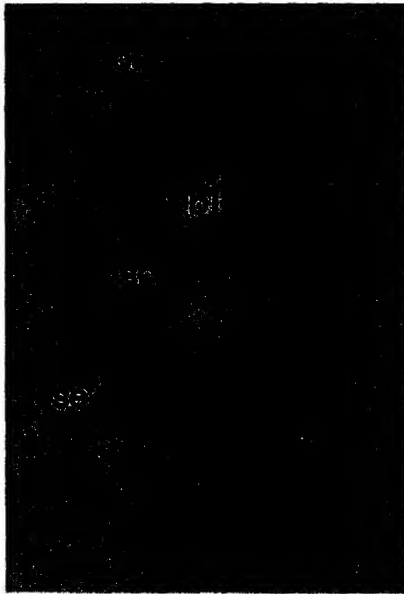


FIG. 3a

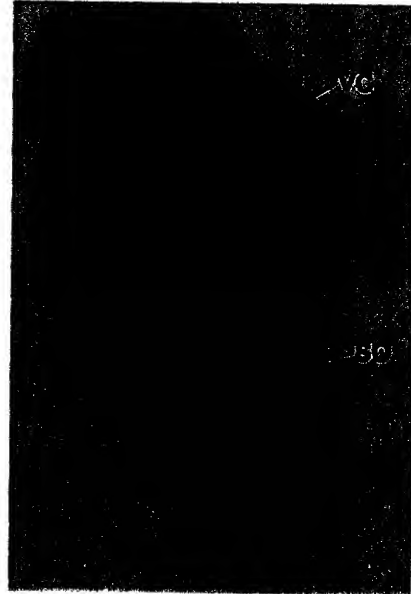


FIG. 3b

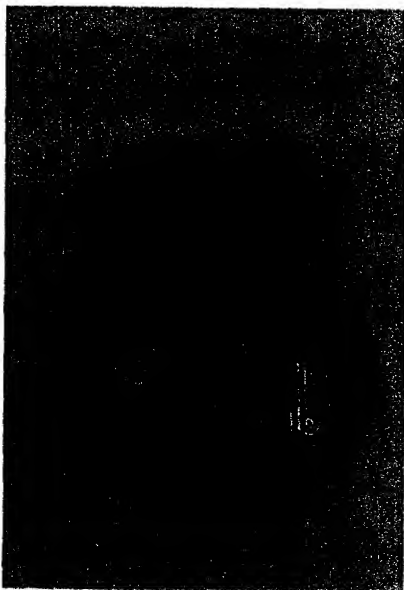


FIG. 3c

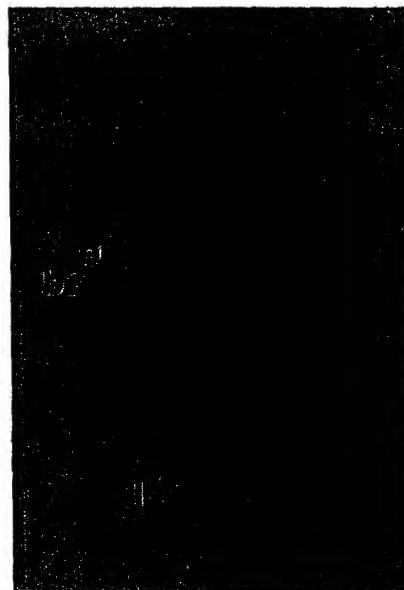


FIG. 3d

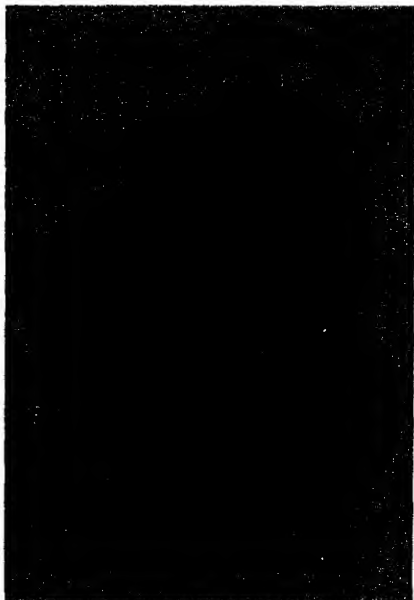


FIG. 3e



FIG. 3f

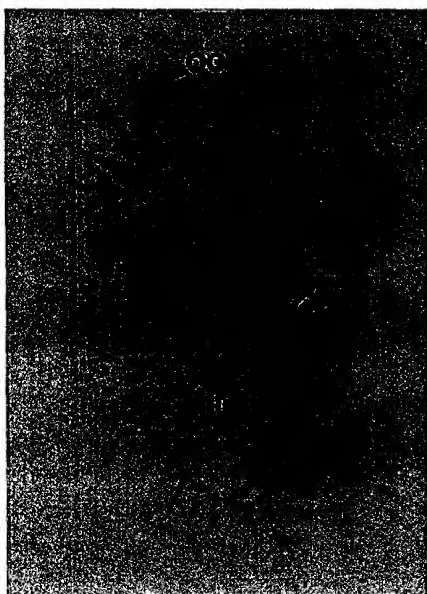


FIG. 3g

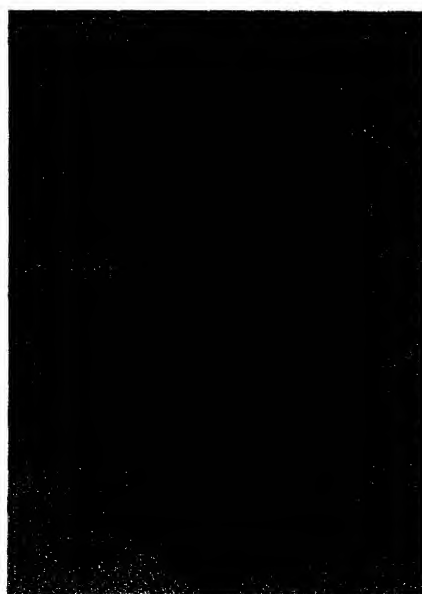


FIG. 3h

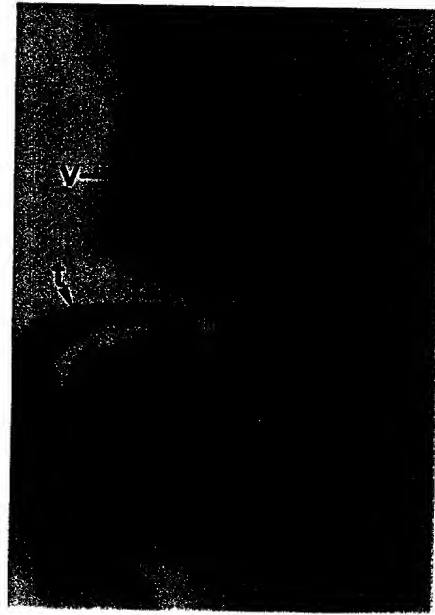


FIG.3i

[illegible]

FIG.4

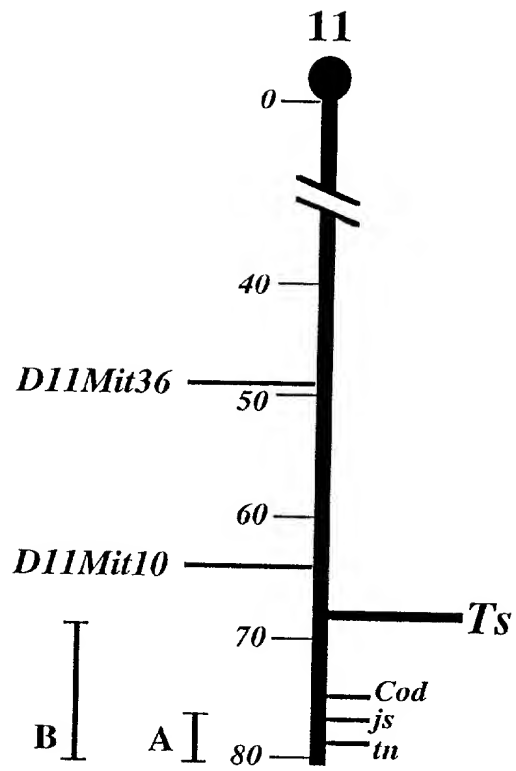


FIG.5

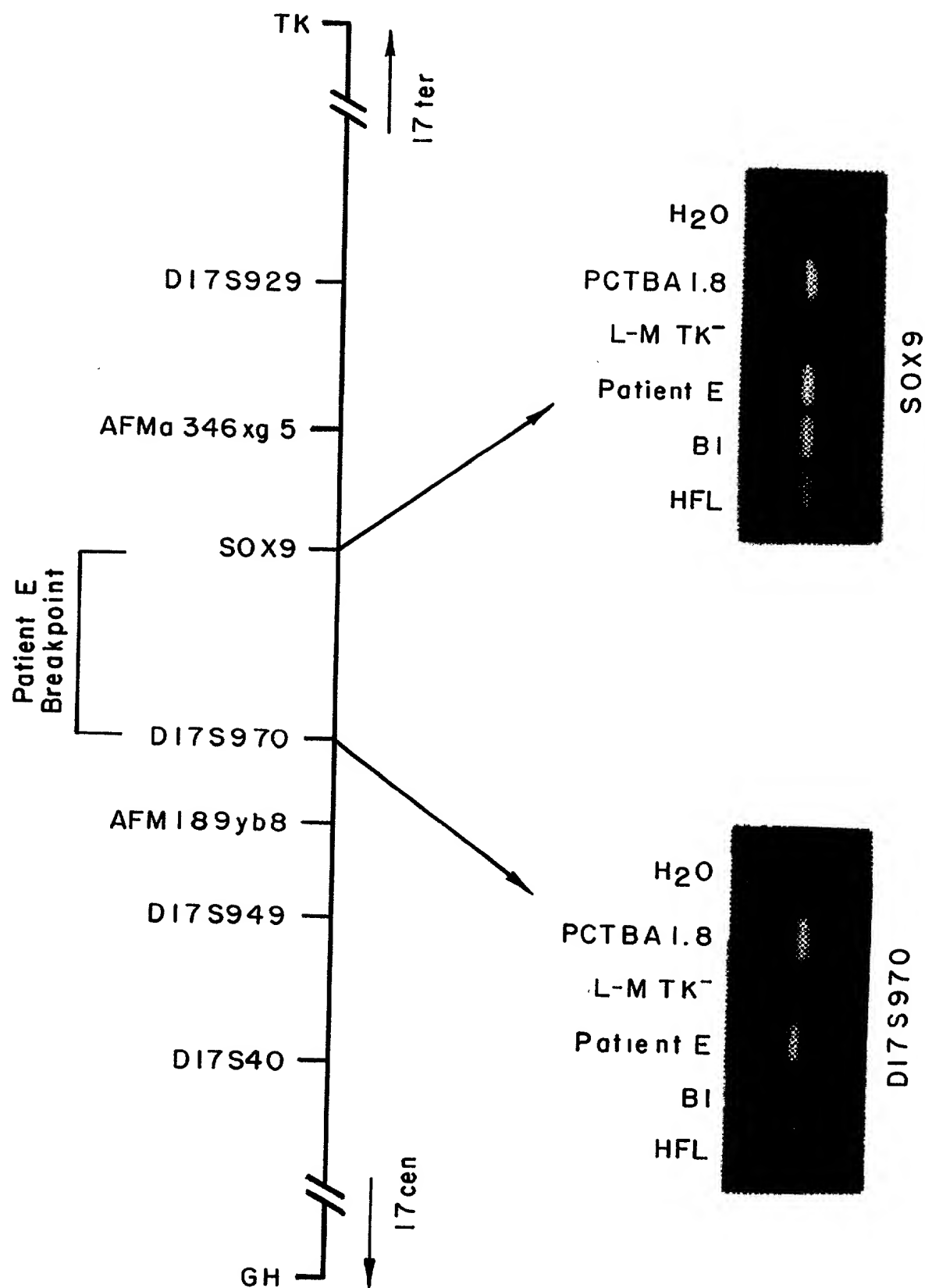


FIG. 6

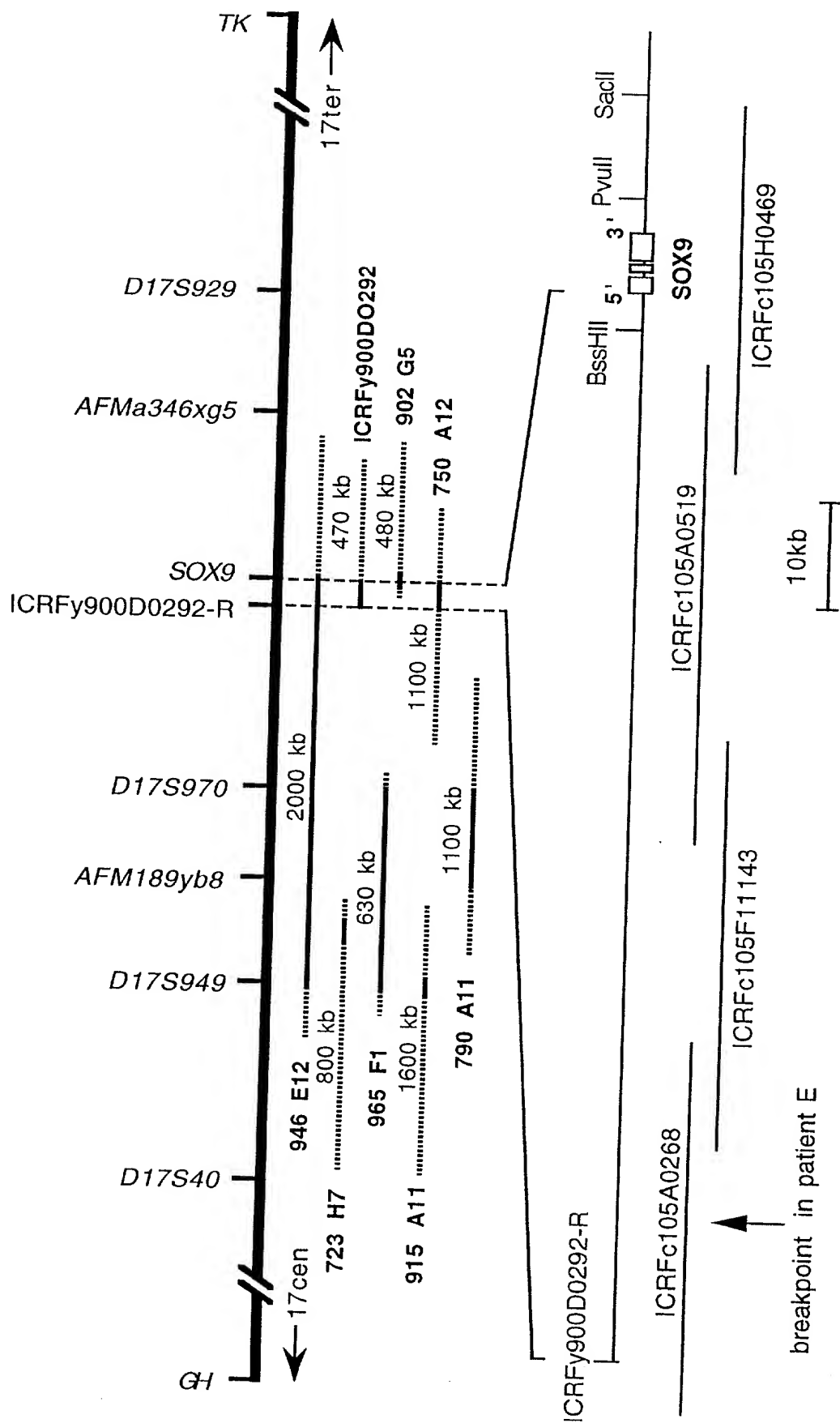


FIG. 7

CGGAGCTCGA	AACTGACTGG	AAACTTCAGT	GGCGCGGAGA	CTCGCCAGTT	TCAACCCCGG
AAACTTTTCT	TTGCAGGAGG	AGAAGAGAAG	GGGTGCAAGC	GCCCCCACTT	TTGCTCTTTT
TCCATCCCCTC	CTCCTCCTCT	CCAATTTCGCC	TCCCCCACT	TGGAGCGGGC	AGCTGTGAAC
TGGCCACCCC	GCGCCTTCCT	AAGTGCTCGC	CGCGGTAGCC	GGCCGACGCG	CCAGCTTCCC
CGGGAGCCGC	TTGCTCCGCA	TCCGGGCAGC	CGAGGGGAGA	GGAGCCCGCG	CCTCGAGTCC
CCGAGCCGCC	GCGGCTTCTC	GCCTTTCCCC	GCCACCAGCC	CCCTGCCCCG	GGCCCCGCGTA
TGAATCTCCT	GGACCCCTTC	ATGAAGATGA	CCGACGAGCA	GGAGAAGGGC	CTGTCCGGCG
CCCCCAGCCC	CACCATGTCC	GAGGACTCCG	CGGGCTCGCC	CTGCCCCGTCG	GGCTCCGGCT
CGGACACCGA	GAACACGCGG	CCCCAGGAGA	ACACGTTCCC	CAAGGGCGAG	CCCCGATCTGA
AGAAGGAGAG	CGAGGAGGAC	AAGTTCCCCG	TGTGCATCCG	CGAGGCGGTC	AGCCAGGTGC
TCAAAGGCTA	CGACTGGACG	CTGGTGCCCA	TGCCGGTGCG	CGTCAACGGC	TCCAGCAAGA
ACAAGCCGCA	CGTCAAGCGG	CCCATGAACG	CCTTCATGGT	GTGGGCGCAG	GCGGCGCGCA
GGAAGCTCGC	GGACCAGTAC	CCGCACCTTG	ACAACGCCGA	GCTCAGCAAG	ACGCTGGGCA
AGCTCTGGAG	ACTTCTGAAC	GAGAGCGAGA	AGCGGCCCTT	CGTGGAGGAG	GCGGAGCGGC
TGCGCGTGCA	GCACAAGAAG	GACCACCCGG	ATTACAAGTA	CCAGCCGCGG	CGGAGGAAGT
CGGTGAAGAA	CGGGCAGGCG	GAGGCAGAGG	AGGCCACGGA	GCAGACGCAC	ATCTCCCCCA
ACGCCATCTT	CAAGGCGCTG	CAGGCCGACT	CGCCACACTC	CTCCTCCGGC	ATGAGCGAGG
TGCACTCCCC	CGGCGAGCAC	TCGGGGCAAT	CCCAGGGCCC	ACCGACCCCA	CCCACCACCC
CCAAAACCGA	CGTGCAGCCG	GGCAAGGCTG	ACCTGAAGCG	AGAGGGGCGC	CCCTTGCCAG
AGGGGGGCG	ACAGCCCCCT	ATCGACTTCC	GCGACGTGGA	CATCGGCGAG	CTGAGCAGCG
ACGTCACTCT	CAACATCGAG	ACCTTCGATG	TCAACGAGTT	TGACCAGTAC	CTGCCGCCCA
ACGGCCACCC	GGGGGTGCCG	GCCACGCACG	GCCAGGTCAC	CTACACGGGC	AGCTACGGCA
TCAGCAGCAC	CGCGGCCACC	CCGGCGAGCG	CGGGCCACGT	GTGGATGTCC	AAGCAGCAGG
CGCCGCGGCC	ACCCCGCAG	CAGCCCCCAC	AGGCCCCGCG	GGCCCCGCG	GCGCCCCCGC
AGCCGCAGGC	GGCGCCCCCA	CAGCAGCCGG	CGGCACCCCC	GCAGCAGCCA	CAGGCGCACA
CGCTGACCAC	GCTGAGCAGC	GAGCCGGGCC	AGTCCCAGCG	AACGCACATC	AAGACGGAGC
AGCTGAGCCC	CAGCCACTAC	AGCGAGCAGC	AGCAGCACTC	GCCCCAACAG	ATCGCCTACA
GCCCCCTCAA	CCTCCCACAC	TACAGCCCCT	CCTACCCGCG	CATCACCCGC	TCACAGTACG
ACTACACCGA	CCACCAGAAC	TCCAGCTCCT	ACTACAGCCA	CGCGGCAGGC	CAGGGCACC
GCCTCTACTC	CACCTTCACC	TACATGAACC	CCGCTCAGCG	CCCCATGTAC	ACCCCATCG
CCGACACCTC	TGGGGTCCCT	TCCATCCCGC	AGACCCACAG	CCCCCAGCAC	TGGGAACAAC
CCGTCTACAC	ACAGCTCACT	CGACCTTGAG	GAGGCCTCCC	ACGAAGGGCG	ACGATGGCCG
AGATGATCCT	AAAAATAACC	GAAGAAAGAG	AGGACCAACC	AGAATTCCCT	TTGGACATTT
GTGTTTTTTT	GTTTTTTTAT	TTTGTTTTGT	TTTTTCTTCT	TCTTCTTCTT	CCTTAAAGAC
ATTTAAGCTA	AAGGCAACTC	GTACCCAAAT	TTCCAAGACA	CAAACATGAC	CTATCCAAGC
GCATTACCCA	CTTGTGGCCA	ATCAGTGGCC	AGGCCAACCT	TGGCTAAATG	GAGCAGCGAA
ATCAACGAGA	AACTGGACTT	TTTAAACCCT	CTTCAGAGCA	AGCGTGAGAG	ATGATGGAGA
ATCGTGTGAT	CAGTGTGCTA	AATCTCTCTG	CCTGTTTGGA	CTTTGTAATT	ATTTTTTTAG
CAGTAATTAA	AGAAAAAGT	CCTCTGTGAG	GAATATTCTC	TATTTTAAAT	ATTTTFTAGTA
TGTACTGTGT	ATGATTCAAT	ACCATTTTGA	GGGGATTTAT	ACATATTTTT	AGATAAAATT
AAATGCTCTT	ATTTTTCCAA	CAGCTAAACT	ACTCTTAGTT	GAACAGTGTG	CCCTAGCTTT
TCTTGCAACC	AGAGTATTTT	TGTACAGATT	TGCTTTCTCT	TACAAAAAGA	AAAAAAAAT
CCTGTTGTAT	TAACATTTAA	AAACAGAATT	GTGTTATGTG	ATCAGTTTTG	GGGGTTAACT
TTGCTTAATT	CCTCAGGCTT	TGCGATTTAA	GGAGGAGCTG	CCTTAAAAAA	AAATAAAGGC
CTTATTTTGC	AATTATGGGA	GTAAACAATA	GTCTAGAGAA	GCATTTGGTA	AGCTTTATGA
TATATATATT	TTTTAAAGAA	GAGAAAAACA	CCTTGAGCCT	TAAAACGGTG	CTGCTGGGAA
ACATTTGCAC	TCTTTTAGTG	CATTTCTCTC	TGCCTTTGCT	TGTTCACTGC	AGTCTTAAGA
AAGAGGTAAA	AGGCAAGCAA	AGGAGATGAA	ATCTGTTCTG	GGAATGTTTC	AGCAGCCAAT
AAGTGCCCGA	GCACACTGCC	CCCGGTTGCC	TGCCTGGGCC	CCATGTGGAA	GGCAGATGCC
TGCTCGCTCT	GTCACCTGTG	CCTCTCAGAA	CACCAGCAGT	TAACCTTCAA	GACATTCAC

Figure 8a(1)

TTGCTAAAAT	TATTTATTTT	GTAAGGAGAG	GTTTTAATTA	AAACAAAAAA	AAATTCTTTT
TTTTTTTTTT	TTTTCCAATT	TTACCTTCTT	TAAAATAGGT	TGTTGGAGCT	TTCTCTCAAAG
GGTATGGTCA	TCTGTTGTTA	AATTATGTTT	TTAACTGTAA	CCAGTTTTTT	TTTATTTATC
TCTTTAATCT	TTTTTATTAT	TAAAAGCAAG	TTTCTTTGTA	TTCTTCACCC	TAGATTTGTA
TAAATGCCTT	TTTGTCCATC	CCTTTTTTCT	TTGTTGTTTT	TGTTGAAAAC	AAACTGGAAA
CTTGTTTCTT	TTTTTGATATA	AATGAGAGAT	TGCAAATGTA	GTGTATCACT	GAGTCATTTG
CAGTGTTTTT	TGCCACAGAC	CTTTGGGCTG	CCTTATATTG	TGTGTGTGTG	TGGGTGTGTG
TGTGTTTTGA	CACAAAAACA	ATGCAAGCAT	GTGTCATCCA	TATTTCTCTA	CATCTTCTCT
TGGAGTGAGG	GAGGCTACCT	GGAGGGGATC	AGCCCACTGA	CAGACCTTAA	TCTTAATTAC
TGCTGTGGCT	AGAGAGTTTG	AGGATTGCTT	TTTAAAAAAG	ACAGCAAAC	TTTTTTTTTTA
TTTAAAAAAA	GATATATTAA	CAGTTTTFAGA	AGTCAGTAGA	ATAAAATCTT	AAAGCACTCA
TAATATGGCA	TCCTTCAATT	TCTGTATAAA	AGCAGATCTT	TTTAAAAAAG	ATACTTCTGT
AACTTAAGAA	ACCTGGCATT	TAAATCATAT	TTTGTCTTTA	GGTAAAAGCT	TTGGTTTGTG
TTCGTGTTTT	GTTTGTTTCA	CTTGTTTCCC	TCCCAGCCCC	AAACCTTTTG	TTCTCTCCGT
GAAACTTACC	TTTCCCTTTT	TCTTCTCTTT	TTTTTTTTTTG	TATATTATTG	TTTACAATAA
ATATACATTG	CATTAAAAAG	AAA			

Figure 8a(2)

Met Asn Leu Leu Asp Pro Phe Met Lys Met Thr Asp Glu Gln Glu Lys
1 5 10 15
Gly Leu Ser Gly Ala Pro Ser Pro Thr Met Ser Glu Asp Ser Ala Gly
20 25 30
Ser Pro Cys Pro Ser Gly Ser Gly Ser Asp Thr Glu Asn Thr Arg Pro
35 40 45
Gln Glu Asn Thr Phe Pro Lys Gly Glu Pro Asp Leu Lys Lys Glu Ser
50 55 60
Glu Glu Asp Lys Phe Pro Val Cys Ile Arg Glu Ala Val Ser Gln Val
65 70 75 80
Leu Lys Gly Tyr Asp Trp Thr Leu Val Pro Met Pro Val Arg Val Asn
85 90 95
Gly Ser Ser Lys Asn Lys Pro His Val Lys Arg Pro Met Asn Ala Phe
100 105 110
Met Val Trp Ala Gln Ala Ala Arg Arg Lys Leu Ala Asp Gln Tyr Pro
115 120 125
His Leu His Asn Ala Glu Leu Ser Lys Thr Leu Gly Lys Leu Trp Arg
130 135 140
Leu Leu Asn Glu Ser Glu Lys Arg Pro Phe Val Glu Glu Ala Glu Arg
145 150 155 160
Leu Arg Val Gln His Lys Lys Asp His Pro Asp Tyr Lys Tyr Gln Pro
165 170 175
Arg Arg Arg Lys Ser Val Lys Asn Gly Gln Ala Glu Ala Glu Glu Ala
180 185 190
Thr Glu Gln Thr His Ile Ser Pro Asn Ala Ile Phe Lys Ala Leu Gln
195 200 205
Ala Asp Ser Pro His Ser Ser Ser Gly Met Ser Glu Val His Ser Pro
210 215 220
Gly Glu His Ser Gly Gln Ser Gln Gly Pro Pro Thr Pro Pro Thr Thr
225 230 235 240
Pro Lys Thr Asp Val Gln Pro Gly Lys Ala Asp Leu Lys Arg Glu Gly
245 250 255
Arg Pro Leu Pro Glu Gly Gly Arg Gln Pro Pro Ile Asp Phe Arg Asp
260 265 270
Val Asp Ile Gly Glu Leu Ser Ser Asp Val Ile Ser Asn Ile Glu Thr
275 280 285
Phe Asp Val Asn Glu Phe Asp Gln Tyr Leu Pro Pro Asn Gly His Pro
290 295 300
Gly Val Pro Ala Thr His Gly Gln Val Thr Tyr Thr Gly Ser Tyr Gly
305 310 315 320
Ile Ser Ser Thr Ala Ala Thr Pro Ala Ser Ala Gly His Val Trp Met
325 330 335
Ser Lys Gln Gln Ala Pro Pro Pro Pro Gln Gln Pro Pro Gln Ala
340 345 350
Pro Pro Ala Pro Gln Ala Pro Pro Gln Pro Gln Ala Ala Pro Pro Gln
355 360 365
Gln Pro Ala Ala Pro Pro Gln Gln Pro Gln Ala His Thr Leu Thr Thr
370 375 380

Figure 8a(3)

Leu	Ser	Ser	Glu	Pro	Gly	Gln	Ser	Gln	Arg	Thr	His	Ile	Lys	Thr	Glu
385					390					395					400
Gln	Leu	Ser	Pro	Ser	His	Tyr	Ser	Glu	Gln	Gln	Gln	His	Ser	Pro	Gln
				405					410						415
Gln	Ile	Ala	Tyr	Ser	Pro	Phe	Asn	Leu	Pro	His	Tyr	Ser	Pro	Ser	Tyr
			420					425						430	
Pro	Pro	Ile	Thr	Arg	Ser	Gln	Tyr	Asp	Tyr	Thr	Asp	His	Gln	Asn	Ser
		435					440					445			
Ser	Ser	Tyr	Tyr	Ser	His	Ala	Ala	Gly	Gln	Gly	Thr	Gly	Leu	Tyr	Ser
	450					455					460				
Thr	Phe	Thr	Tyr	Met	Asn	Pro	Ala	Gln	Arg	Pro	Met	Tyr	Thr	Pro	Ile
465					470					475					480
Ala	Asp	Thr	Ser	Gly	Val	Pro	Ser	Ile	Pro	Gln	Thr	His	Ser	Pro	Gln
				485					490						495
His	Trp	Glu	Gln	Pro	Val	Tyr	Thr	Gln	Leu	Thr	Arg	Pro			
			500					505							

Figure 8a(4)

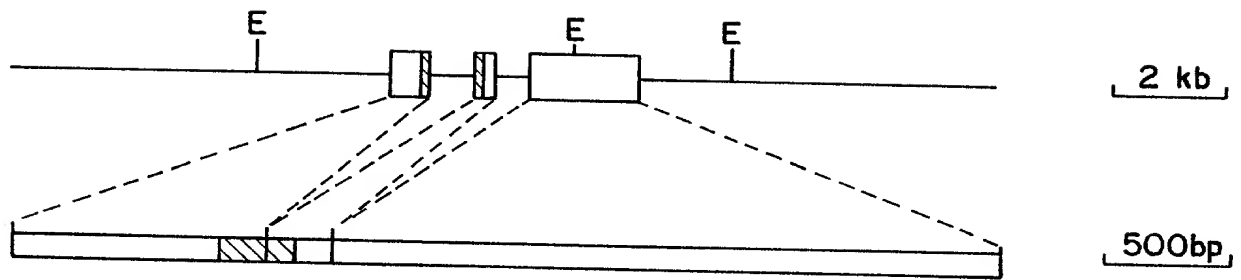


FIG.8b

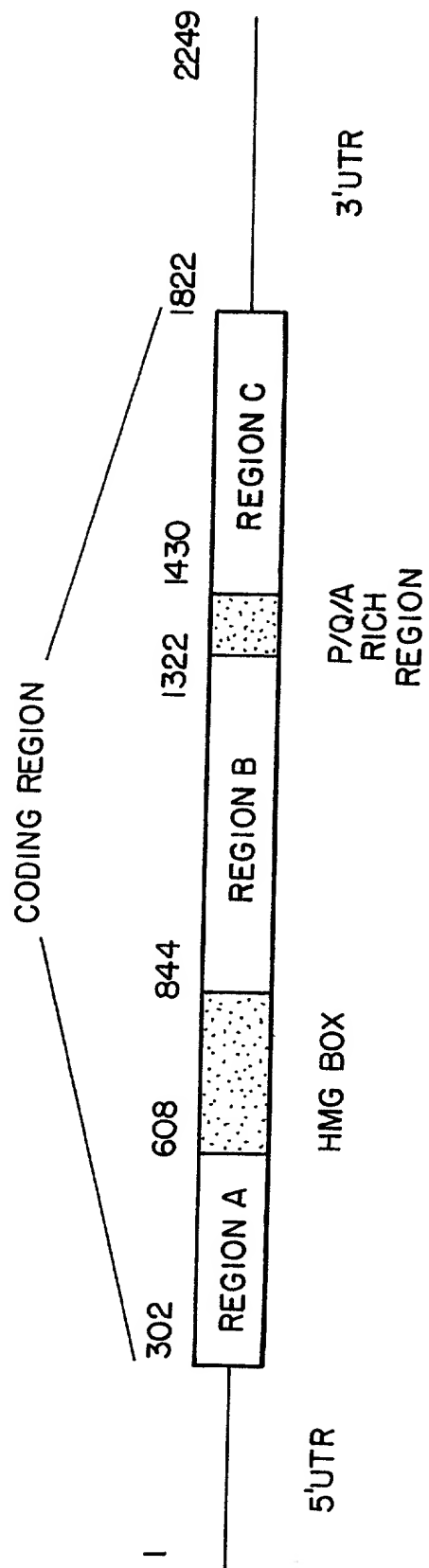


FIG.9

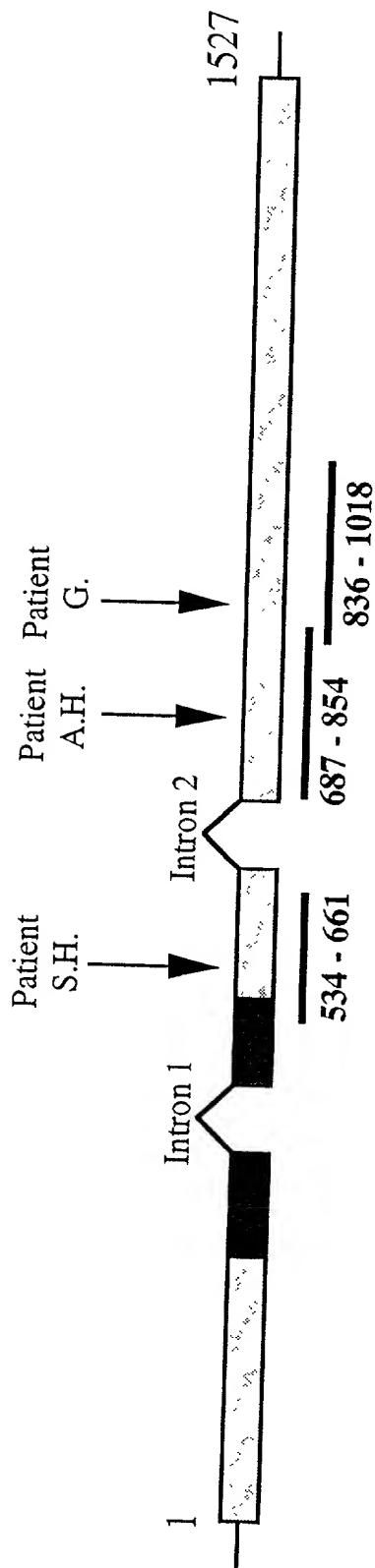


FIG.10a

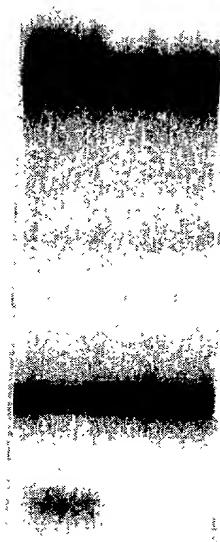
Patient S.H.

1 2 3



Patien A.H.

1 2 3



Patient G.

1 2 3

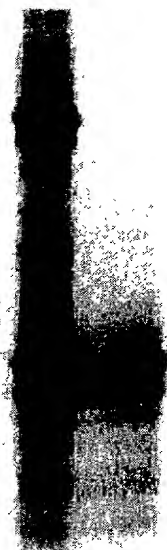


FIG.10b

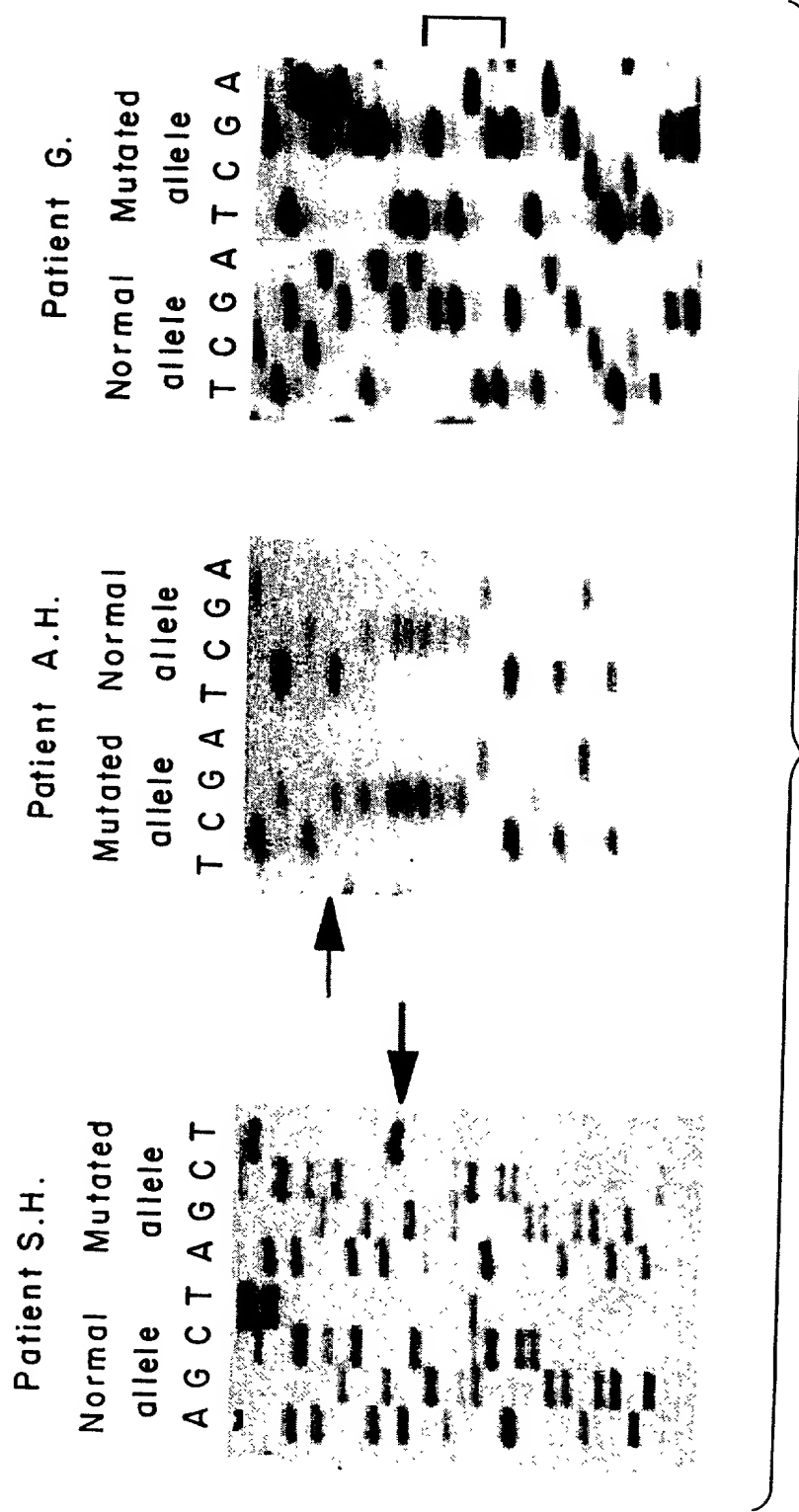


FIG.10c